

# California Department of Forestry & Fire Protection



## **CDF ENGINE - MODEL 5 (HYDROSTATIC)**

### **USE**

By 1983 CDF had been using hydrostatic drives for fire pumps approximately four years. Up to this point all field experience had proven the system reliable and effective. The two-stage pump afforded the flexibility to deal with the wide variety of fire scene conditions encountered by crews. During the mid-80s the Department incorporated several research and development projects into existing models. Examples include: hydrostatic fire pump drive system, and Class A foam injection and electronic pump controls. This hydrostatic Model 5, along with other models during this time, were the fore runners for the current models.

### **CREW**

Seating for 6 personnel

### **CAPABILITIES**

**Booster Tank:** 500 gallons  
**Fire Pump:** 475 GPM,  
Two-Stage (Hydrostatic)  
Class A Foam

### **MANUFACTURERS**

**Chassis:** Navistar  
**Body:** West-Mark  
Master Body Works

### **SPECIFICATIONS**

**Gross Vehicle Weight:** 29,500 lbs.  
**Engine:** International DT-466  
220 H.P.  
**Front Axle:** 12,000 lbs.  
**Rear Axle:** 17,500 lbs.  
**Transmission:** Allison MT 640  
**Wheel Base:** 152"

